

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B22D11/22 B22D11/124 B22D11/06

Rec'd PCT/PTO 06 JAN 2005

10/520720

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B22D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 540 610 B (DAVY MCKEE SHEFFIELD) 9 October 1996 (1996-10-09) cited in the application claims; figures ---	1,2,7,9
A	PATENT ABSTRACTS OF JAPAN vol. 012, no. 267 (M-722), 26 July 1988 (1988-07-26) & JP 63 049350 A (KAWASAKI STEEL CORP), 2 March 1988 (1988-03-02) cited in the application abstract ---	1,2,7,9
A	EP 0 707 908 B (NIPPON STEEL CORP) 28 November 2001 (2001-11-28) page 5, line 14 - line 20; figures --- -/--	1,7

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

5 December 2003

Date of mailing of the international search report

16/12/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 5 454 417 A (ROSENSTOCK HANS-GEORG) 3 October 1995 (1995-10-03) claim 3	1,7
A	----- PATENT ABSTRACTS OF JAPAN vol. 1996, no. 06, 28 June 1996 (1996-06-28) & JP 08 039222 A (NIPPON STEEL CORP), 13 February 1996 (1996-02-13) abstract	1,7
A	----- PATENT ABSTRACTS OF JAPAN vol. 005, no. 203 (M-103), 23 December 1981 (1981-12-23) & JP 56 119607 A (MITSUBISHI HEAVY IND LTD), 19 September 1981 (1981-09-19) cited in the application abstract -----	1,7

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